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HISTORICAL NARRATIVE
OF THE
DISCOVERY
OF
NEW HOLLAND
AND
NEW SOUTH WALES.

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CONTAINING
An Account of the INHABITANTS, SOIL, ANIMALS, and other Pro-
ductions of those Countries, and including a particular Description of
BOTANY BAY.

ILLUSTRATED
With a Chart of NEW HOLLAND, NEW SOUTH WALES, BOTANY BAY,
and the New Discovered Islands in the North and South PACIFIC OCEAN, from
30 deg. N. to 50 deg. South Latitude, and from 90 to 225 deg. Longitude, East,
from the Meridian of Greenwich.

THE SECOND EDITION.



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A N

HISTORICAL NARRATIVE

O F T H E

Discovery of New Holland, and New South Wales, &c.

THE determination of the British government to establish a settlement in the Southern Pacific Ocean, has strongly excited the public curiosity. As it is a very natural question, What national benefit can arise from such an establishment? It is apprehended, that by drawing into one view, a faithful narrative of the progressive discoveries that have been made of the coasts of that extensive country, where the settlement is proposed to be made, with some account of its productions, and a view of its relative situation, to those other important discoveries of our late indefatigable circumnavigator; will tend, not merely to answer the enquiries of the speculatist, but to prove its utility, in extending the commerce of the British nation, through those extensive tracts of population, which the industry of the present age has explored.

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Leaving the enquiry how far the density, or weight, of land and water, are able to counterpoise each other, to the researches of the philosophic mind; we shall only remark, that from the time of the discovery of America, it was a pretty generally received opinion, among geographers, that there was some vast undiscovered continent ranging up towards the South Pole, to balance those amazing tracts of land that abut upon the North Pole; and that it has for two hundred years, been the ambition of the intrepid navigator, to explore such continent.

The first account we have of this country, is in a memorial delivered to the court of Spain, by Don Pedro Fernandez de Quiros, in 1609, in which he asserts, That, patronized by the Vice Roy of Peru, he had spent fourteen years, and travelled 20,000 leagues by land and sea, in prosecuting discoveries. In this memorial he solicits for the necessary means to settle those countries he had discovered, which he called a continent, equal in bigness to Europe and the Lesser Asia; he describes the country as well supplied with the necessaries of life, yielding gold, silver, spices, and pearls, and filled with inhabitants of different colours. He also mentions the discovery of a clump of about twenty islands, which he first supposed to be all one country. Those lands, agreeable to the custom of that age, he took possession of under the name of La Australia del Espiritu Santo, and lays them down as in and about 15 degrees of South latitude.

When we consider the length of time that Don Pedro spent in this service, that he took his departure from the coast of Peru, and that his course was to the West, there is little doubt that the islands he mentions, were those now called the New Hebrides; and that falling in with the North side of New Guinea, a country nearly answering his description, both for produce and population, and being ignorant of the strait that divides it from New South Wales, he might consider those two places, together with New Holland, as one vast continent.

From the time of De Quiros to the middle of the 17th century, we have no authentic relation of any discoveries of the Terra Australis, or Southern Continent. We only know in general, that a Dutchman, in 1616, fell in with a part of its West coast, between

24° and 25° South latitude, to which he gave the name of Eendraght Land. That in 1618, another part of this coast, nearly 15° S. was discovered by Zeachen, who gave it the name of Arnheim and Diemen. In 1619, Jan Van Edels, gave his name to a Southern part of it, and another tract of the coast between 30° and 38° received the name of Leuwen. In 1627, Peter Van Nultz, gave his name to a coast which communicates with Leuwen's Land to the west; and about the same time, a great part of the west coast, near the tropic of Capricorn, received the name of De Wits. In 1628, Peter Carpenter, a Dutchman, explored the great gulph on the North coast, named the gulph of Carpentaria, which intersects the country near eight degrees of latitude. In June 1629, Captain Francis Pelfart, was wrecked on the west coast, in about 28° S. latitude, and his ship's company were left in the greatest distress, upon three small islands, until he could go back to Batavia for succours, to which place the majority of them happily returned. There is no doubt but the greater part of those commanders made some discoveries in the country; but whatever they were, they were suppressed, most probably, by order of the Dutch East India Company.

In the year 1642, Captain Abel Jansen Tasman, was sent from Batavia for the express purpose of making a perfect survey of this country, which by this time had received the name of New Holland. That this task was faithfully performed, we have no reason to doubt, as the map of New Holland, delineated on the pavement of the Stadt-house at Amsterdam, was made from the lights afforded by his journal; but as the journal was never published entire, and probably was never intended to be published at all, we must be content with such extracts as we have been able to procure.

Captain Tasman sailed from Batavia in August 1642, with two ships, and on the 6th of November, was in latitude 49° 4' South, longitude 114° 56' East*. "At this time," says he, "as the weather was foggy, with hard gales, and a rolling sea from the south-west and from the south, I concluded from thence, that it was not at all probable

* At this time the longitude was reckoned from the pike of Teneriffe, one of the Canary Islands, which lies 15° 28' west of London, from whence our late circumnavigators have always computed the longitude.

there should be any land between those two points." This determined him to stand towards the north-east; and "on the 24th of the same month, continues he, being in the latitude of $42^{\circ} 25'$ South, longitude $163^{\circ} 50'$, I discovered land, which lay east-south-east, at the distance of ten miles, which I called Van Diemen's Land. The weather being bad, I steered south-and-by-east, along the coast to the height of 44° South, where the land runs away east, and afterwards north-east-and-by-north. In the latitude $43^{\circ} 10'$, and longitude $167^{\circ} 55'$, I anchored on the 1st of December, in a bay, which I called the bay of Frederic Henry. I heard, or at least fancied I heard, the sound of people upon the shore; but I saw nobody. All I met with worth observing, were two trees, which were two fathoms or two fathoms and a half, in girth, and 60 or 65 feet high, from the root to the branches: they had cut with a flint, a kind of steps in the bark, in order to climb up to the birds nests: these steps were at the distance of five feet from each other, so that we must conclude either those people are of a prodigious size, or that they have some way of climbing trees that we are not used to: In one of the trees the steps were so fresh, that we judged they could not have been cut above four days. The noise we heard resembled the noise of some sort of a trumpet; it seemed to be at no great distance, but we saw no living creature notwithstanding. I perceived also in the sand, the marks of wild beasts feet, resembling those of a tyger, or some such creature; I gathered also some gum from the trees, and likewise some lack. The tide ebbs and flows there, about three feet. The trees in this country do not grow very close, nor are they incumbered with bushes, or underwood. I observed smoke in several places; however, we did nothing more, than set up a post, on which every one cut his name, or his mark, and upon which I hoisted a flag. On December 5, I quitted Van Diemen's Land, and resolved to steer east."

As the remainder of the abstract of Captain Tasman's journal relates entirely to his discoveries in other places, we next take a view of Captain Dampier's account of New Holland.

This able navigator sailed from Achamack, in Virginia, in August 1683, on his first voyage round the world; and on the 4th of Jan. 1688, fell in with the coast of New Holland, in $16^{\circ} 50'$ latitude, and anchored

anchored in a deep bay, where he continued till the 12th of March following. Of this part of the country he gives the following account. "It was even, low, and sandy ground, had no fresh water, except what was dug, but divers sorts of trees, among the rest, the Dragon-tree, which produces the gum-dragon. We saw neither fruit-trees, nor so much as the tract of any living animal, except one, which seemed to be the footsteps of a beast of the bigness of a large mastiff dog. Some few land birds they have, but none bigger than a black-bird, and scarce any water fowl. Neither does the sea afford any food, except tortoises and manatees, of both which they have great plenty. The inhabitants are the most miserable wretches in the universe, having no houses or covering but the heavens; no garments, except a piece of the bark of a tree, tyed like a girdle round the waist, no sheep, poultry, or fruits, but feed upon a few fish, cockles, muscles, and periwinkles; without religion or government, but cohabit promiscuously. For the rest, their bodies are strait, thin, and strong limbed, with great heads and eye-brows, and round foreheads: their eye-lids are constantly half closed, to keep the flies out, which are excessively troublesome here: they have large bottle noses, thick lips, and wide mouths. Both men and women, old and young, want the two fore-teeth of the upper jaw; but whether they draw them, I am not able to tell: they have no beards, but black short curled hair, like the African Negroes, and are as black as those. Their weapons are a sort of wooden cutlafs; instead of a lance, they have a strait pole, sharpened and hardened at the end. Of their language, I can say nothing, but that they speak pretty much in the throat. We landed several times, and at last brought them to something of a familiarity with us, by giving them some old cloaths; but could never prevail with them to give us the least assistance, in carrying water, or otherwise, they being very much averse to working."

In consequence of the reputation Captain Dampier had acquired by this voyage, he was fixed on to command a ship fitted out purposely to prosecute discoveries in the Southern Ocean; and sailed from England on that design, January 14, 1699, in his Majesty's ship Roebuck, mounting 12 guns, the ship's company consisting of fifty men and boys.

On the 5th of August in the same year, he again fell in with New Holland, where he spent five weeks in ranging along its west coast, to the extent of 300 leagues.

The first anchorage he made, was in Shark's Bay, so named by him from the abundance of that voracious fish he found there, in latitude 25° South. He describes the country about this bay, as pretty high land, the shore steep towards the sea; the soil, by the sea side, sand, producing a large kind of samphire, with a white flower; further in he found the soil reddish, mixed with sand, producing some grass, shrubs, and bushes, the grass grew in tufts, about the size of a bushel, intermixed with heath.

The trees and shrubs were of divers sorts, but none exceeded ten feet in height; the bodies about three feet in girth; the heads struck out at about six feet from the ground, and were bushy, thick set, and full of long and narrow leaves. Some of these trees were sweet-scented, reddish within the bark, like saffras, but somewhat darker. Most of the trees and shrubs had, at that time, either blossoms or berries on them. The blossoms were mostly blue, intermixed with red, white, yellow, &c. and smelt very sweet and fragrant.

There were but few land fowls; of the larger sort only eagles were seen, and of the smaller, there were five or six species, from the size of a wren, to that of a lark, but all singing with a variety of fine shrill notes.

The land animals they saw were, a sort of maccroons, but differing from those of the West Indies, chiefly in their legs, upon which they jump as the rest of their species do; these were found very good meat. There was also a sort of guanas, but differing from them in some particulars; "For these," says Captain Dampier, "had a larger and more frightful head, and had no tail: and at the rump, where a tail should have been placed, there appeared something resembling a head, but without mouth or eyes: their legs also differed from other creatures of the same kind, by their appearing to be so made, as to carry the body either way; which, with the particular before-mentioned, might make a common spectator apprehend that this creature had two heads. They are speckled black and yellow, like toads, and had scales on their backs, like crocodiles; are very slow in motion, and when a man comes

comes nigh them, will stand still and hiss, without endeavouring to get away; and the body when opened, hath a very unfavoury smell. I never saw such ugly creatures any where but here. The guanas, in other parts, I have observed to be very good meat, and have often eat of them, with great satisfaction; yet I believe the quickest sense of hunger would not have tempted me to taste the guana of New Holland.

“The sea-fish seen here were, besides sharks, of which there are great abundance, skates, thornbacks, and other fish, of the prey kind, (one sort especially like the sea-devil) with guard-fish, bonatos, &c. Of shell-fish, we got mussels, periwinkles, limpets, oysters, both of the pearl kind, and such as are eatable, besides cockles, &c. The shore was lined thick with many other sorts of very beautiful shells, of variety of colour and shape, most beautifully spotted with red, yellow, &c. There are also some green turtles.

“We anchored in three several places in this bay, on the west side. We searched for fresh water but found none; however, we found some wood for fuel. The 14th of August we sailed out of Shark's Bay, to the north-east, coasting along the shore. The 18th we saw abundance of whales near a shoal point, in latitude $22^{\circ} 22'$. At noon on the 21st, bearing in south-east-by-east, the land appeared like a cape, but anchoring about five leagues from the Bluff Point, it proved the east end of an isle, six leagues in length and one in breadth, being surrounded on all sides with many other small rocky isles, which in all appearance are a range of islands, stretching from north-east to west-south-west, perhaps as far as Shark's Bay, and nine or ten leagues in breadth towards New Holland. We went on shore in the isle of Bluff Point, where we found two or three shrubs, one like rosemary, whence I call it Rosemary Isle; and two sorts of grain like beans, one growing on bushes, the other on a kind of creeping vine.

“August 30, we made the land again in latitude $18^{\circ} 21'$, and saw many great smokes near the shore. At four in the afternoon I anchored in eight fathom water, clear sand, about three leagues and a half from the shore. On the 31st early in the morning I went ashore, with ten or twelve men, to search for water. We went armed with muskets and cutlasses for our defence, expecting to see people there,
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and carried also shovels and pick-axes to dig wells. When we came near the shore, we saw three tall, black, naked men on the sandy bay a-head of us; but as we rowed in they went away. When we were landed, I sent the boat with two men in her, to lie a little from the shore at anchor, to prevent her being seized, while the rest of us went after the three black men, who were now got to the top of a small hill, about a quarter of a mile from us, with eight or nine men more in their company. They seeing us come, ran away. When we came to the top of the hill, where they first stood, we saw a plain savanna about half a mile from us. Farther in from the sea, there were several things like haycocks standing in the savanna, which, at a distance, we thought were houses, but we found them to be so many rocks. We searched about these for water, but could find none; nor any house, nor people, for they were all gone. Then we turned again to the place where we landed, and there we dug for water. While we were at work, there came nine or ten of the natives, to a small hill, a little way from us, and stood there, menacing and threatening, and making a great noise. At last one of them came towards us, and the rest followed at a great distance. I went out to meet him, and came within fifty yards of him, making to him all the signs of peace and friendship I could; but then he ran away, neither would any of them stay for us to come nigh them, though we tried three or four times. At last I took two men with me, and went in the afternoon along the sea-side, on purpose to catch one of them if I could, of whom I might learn where they got their fresh water. There were ten or twelve of the natives a little way off, who seeing us three going away from the rest of our men, followed us. I thought they would follow us, but there being for a while a sand bank between us and them, that they could not see us, we made a halt, and hid ourselves in a bending of the sand bank. They knew we must be thereabouts; and being three or four times our number, thought to seize us: so they dispersed themselves, some going to the sea-shore, and others beating about the sand-hills. We knew by what rencounter we had with them in the morning, we could easily out-run them; so a nimble young man that was with me, seeing some of them there, ran towards them, and they, for some time, ran away before him, but

but he soon overtaking them, they faced about, and fought him. He had a cutlass, and they had wooden lances, with which, being many of them, they were too hard for him. When he first ran towards them, I chased two more, that were by the shore; but, fearing how it might be with my young man, I turned back quickly, and went up to the top of a sandy hill, whence I saw him near me, and closely engaged with them. Upon their seeing me, one of them threw a lance, which narrowly missed me. I discharged my gun to scare them; but avoided shooting any of them, till finding my young man in great danger, and myself in some, and that though the gun had a little frightened them at first, they had soon learnt to despise it, tossing up their hands, and crying, pooh, pooh, pooh, and coming on a-fresh with a great noise, I thought it high time to charge a-fresh, and shoot one of them, which I did. The rest, seeing him fall, made a stand; and my young man took the opportunity to disengage himself, and come off to me. They took up their wounded companion; and my young man, who had been struck through the cheek by one of their lances was afraid it was poisoned, but I did not think that likely. His wound was very painful to him, being made with a blunt weapon; but he soon recovered of it. Among the New Hollanders whom we were thus engaged with, there was one, who by his appearance and carriage both in the morning and afternoon, seemed to be the chief of them, and a kind of prince or captain among them. He was a young brisk man, not very tall, nor so personable as some of the rest, though more active and courageous. He was painted, which none of the rest were at all, with a circle of white pigment; a sort of lime, as we thought, about his eyes, and a white streak down his nose, from his forehead to the tip of it; and his breast, and some part of his arms, were also made white with the same paint; not for beauty or ornament, one would think; but as some wild Indian warriors are said to do, he seemed thereby to design the looking more terrible, this his painting adding very much to his natural deformity, for they all of them have the most unpleasant looks, and the worst features, of any people I ever saw, though I have seen great variety of savages. These New Hollanders were probably the same sort of people as those I met with on this coast in my voyage round the globe; for the place I then

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touched at was not above forty or fifty leagues to the north-east of this ; and these were much the same blinking creatures ; but we had not the opportunity to see whether these, as the former, wanted two of their fore teeth ; the lances also of these, were such as the former had."

The want of fresh provisions and water, with the progress of the scurvy among his people, obliged Captain Dampier to leave this coast after having in about five weeks, ranged down it to the extent of about 300 leagues ; and he leaves us this general description of the country : " The lands are so fenced by a chain of sand-hills towards the sea, that there is no such thing as discerning what lies beyond them ; at high-water the tides rise so surprizingly along this coast, that the land appears very low ; but at low-water it appears of an indifferent height ; but then the shore is so rocky that there is no such thing as landing with a boat ; but at high-water a boat may very easily come in over all those rocks to the sandy bay which surrounds this coast. The land for about five or six hundred yards from the sea, is of a dryish, sandy soil, with nothing but a few shrubs or bushes, which, when I was there, seemed to be in bloom, bearing flowers of several colours, such as yellow, blue and white, of a very fragrant smell ; and as to their fruit, they seem to be a kind of peas or beans. Farther within land the country seemed to be low and level, partly savannas, and partly woodland ; the former affords a coarse kind of grass, and the latter groves of trees, that are small, and not above twelve or fourteen feet high. There are very few land-animals ; some lizards I saw ; and some of my seamen saw two or three creatures not unlike wolves, but so lean, that they looked like mere skeletons. As for land-fowls, there are crows, hawks, kites, and turtle doves, that are small, but very plump and fat. The sea-fowls are pelicans, boobies, noddies, curleus, sea-pies, in great numbers. There are abundance of whales in these seas, and those of the large kind. We saw also green turtle, and some sharks, and caught, with hooks and lines, some rock-fish and old wives. Of shell-fish we found here oysters, of the pearl kind, and fit for eating ; with wilks, mussels, limpets, periwinkles, and many other sorts ; and I gathered some curious shells on the shore."

Hitherto we have been confined to the western coast of New Holland, and are obliged to Captain Dampier for the principal part of our knowledge

ledge of its soil, productions, fisheries or inhabitants. Not that we are to suppose, that other commanders, who visited it, were deficient in their inquiries. The contrary is clearly the case, especially with respect to Captain Carpenter, who discovered the great bay or gulph of Carpentaria, and made a very successful voyage; and also of Captain Tasman, who, sailing along the west and south coasts, and doubling the southern point of the country, called by him Van Diemen's Land, most probably visited a part of the east coast of New Holland, before he proceeded to the south end of New Guinea, which country he passed on the north-east-side on his return to Batavia. The fact is, that the discoveries of their own countrymen have been suppressed by, and even the property seized, and the persons imprisoned, of those of them who have sailed in these latitudes without permission, of the Dutch East-India Company. "It has appeared (says that judicious collector Dr. Harris *) very strange to some very able judges of voyages, that the Dutch should make so great account of the southern countries as to cause the map of them to be laid down in the pavement of the Stadthouse at Amsterdam, and yet publish no descriptions of them. This mystery was a good deal heightened by one of the ships that first touched on Carpenter's Land bringing home a rich cargo of gold, spices, and other rich goods: in order to clear up which it was said, that these were not the product of the country, but were fished out of the wreck of a large ship that was lost on the coast. But this story did not satisfy the inquisitive, because not attended with the circumstances necessary to establish its credit; and therefore they suggested, that instead of taking away the obscurity, by relating the truth, this tale was invented in order to hide it more effectually. This suspicion gained ground the more, when it was known the Dutch East-India Company from Batavia had made some attempts to conquer a part of the southern continent, and had been repulsed with loss."

The north-east side of New Guinea has been often visited by Europeans, and there are extant several accounts of it, as the imperfect one of De Quiros, before-mentioned; Schovten has left a much fuller description of it; and Dampier, after he left the coast of New Hol-

* See his Collection of Voyages and Travels, Vol. I. p. 320.

land ranged along it for about twenty-five degrees of longitude keeping a south-easterly course, till having surrounded the island of New-Britain he returned back to Timor to refit. But, to return to our narrative.

The late Captain Cook has left us the fullest description of this country of any European who has visited it. In his Voyage round the World, after exploring a great number of places, 'till then unknown, and having made some stay among the New Zealanders, he sailed from Cape Farewell in New Zealand on the 31st of March, 1770, and fell in, on the 19th of April, with the East Coast of New Holland in lat. 38° south, about 6 degrees to the northward of Van Diemen's Land, or the south cape of this extensive tract of country.

From this time to the end of August, Captain Cook spent in making an accurate survey of the coast, to the latitude of $10^{\circ} 39'$ a course of upwards of 2000 miles. During this run he frequently set up the British flag on the shore, and, with the usual solemnities, took possession of it for his Majesty King George III. under the name of New South-Wales. He says, this country is of a larger extent than any other in the known world, not bearing the name of a continent, its square surface being much more than equal to all Europe.

The land to the southward of 33° or 34° is in general low and level; farther northward it is hilly, but in no part can be called mountainous, and the hills and mountains, taken together, make but a small part of the surface, in comparison with the vallies and plains. It is upon the whole rather barren than fertile, yet the rising ground is chequered with woods and lawns, and the vallies and plains are in many places covered with herbage; the soil is frequently sandy, and many of the lawns and savannas are rocky and barren, especially to the northward, where, in the best spots, vegetation was less vigorous than in the southern part of the country. The grass in general, is high, but thin; and the trees, where largest, are seldom less than forty feet asunder. The banks of the bays are covered with mangroves to the distance of a mile within the beach, under which the soil is a rank mud, that is always overflowed by a spring tide. There are some bogs farther in the country, where the grass is thick and luxuriant, and some vallies clothed with underwood. The coast,

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at least that part which lies to the northward of 25° abounds with fine harbours and bays, where vessels may lie in perfect security from all winds.

The country has the appearance of being well watered, as there are innumerable small brooks and springs, though no great rivers; yet these brooks probably might be considerably increased in rainy weather, it being the height of the dry season when Captain Cook visited it.

There is little variety of trees, and only two that can be termed timber; of these the largest is the Gum-tree, which grows all over the country; it has narrow leaves, not much unlike a willow, and the gum, or rather resin, which it yields is of a deep red, and resembles the *sanguis draconis*. The other timber tree, is that which grows somewhat like our pines. The wood of both trees is extremely hard and heavy. Here are also trees covered with a soft bark, which is easily peeled off, and is the same that is used for caulking ships in the East-Indies.

They found the palm of three different sorts, the first has leaves plaited like a fan; the cabbage small, but exquisitely sweet; and the nuts, which it bears in great abundance, is good food for hogs. The second sort bears a much greater resemblance to the true cabbage-tree of the West Indies, its leaves large and pinnated, like those of the coconut, these also produce a cabbage, which though not so sweet as the former, is much larger. The third sort seldom grows more than ten feet high, has small pinnated leaves, like those of some sorts of fern; it bore no cabbage, but a plentiful crop of nuts, about the size of a large chestnut, but rounder. Besides these there are several small trees, and shrubs, altogether unknown in Europe; of which one bears a very poor kind of fig; another a fruit resembling a plum in colour, but not in shape, being flat on the sides, like a little cheese; and a third bears a kind of purple apple, which, after it has been kept a few days, becomes eatable, and tastes somewhat like a damascene.

Of the great variety of plants produced here, few seem of the esculent kind: there is one resembling the cocos of the West-Indies, and a kind of bean; to which may be added, a sort of parsley, and purselain, and two kinds of yams, one shaped like a radish, and the other

round, and covered with stinging fibres; both sorts are very small but sweet.

The quadrupeds observed in this country are but few; consisting of dogs; and an animal called by the natives kangaroo, which, when full grown is as big as a sheep; the head, neck, and shoulders very small in proportion to the other parts of the body; the tail nearly as long as the body, thick near the rump, and tapering towards the end; the fore legs of one that was killed by Mr. Gore, which was a young one, and much under its full growth, measured only eight inches, while the hinder ones were two-and-twenty inches long; it goes in an erect posture, and its motion is by successive leaps, or hops, of a great length; the fore legs are kept bent close to the breast, and seemed to be of use only in digging; the skin is covered with a short fur, of a dark mouse, or grey colour, excepting the head and ears, which bear a slight resemblance to those of a hare: There is also an animal of the opossum kind, resembling the phalanger of Buffon; and one resembling a polecat, which the natives call quoll, the back of which is brown, spotted with white, and the belly white unmixed. Some of Captain Cook's people affirmed they had also seen some wolves.

The land-birds are crows, parrots, paroquets, cockatoos, and other birds of the same kind, of exquisite beauty; eagles, hawks, cranes, herons, bustards, quails, doves, and innumerable flocks of pigeons. The water-fowl are gulls, shaggs, soland geese, or gannets, of two sorts; boobies, noddies, curlews, ducks, pelicans, and many other sorts.

Among other reptiles, there are serpents of various kinds, some noxious, and some harmless; scorpions, centipeds, and lizards. The insects are but few; the principal are the musquito and the ant. Of the ant there are several sorts; some are as green as a leaf, and live upon trees, where they build their nests of various sizes, between that of a man's head and his fist. These nests are of a very curious structure, being formed by bending down several of the leaves, each of which is as broad as a man's hand, and gluing the points of them together, so as to form a purse; the viscous used for this purpose, is an animal juice, which nature has enabled them to elaborate. Another
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fort are quite black ; their habitations are the inside of the branches of a tree, which they contrive to excavate by working out the pith, almost to the extremity of the twigs, the tree at the same time flourishing, as if it had no such inmate. A third fort is found nested in the root of a plant which grows on the bark of trees in the manner of mistletoe, and is about the size of a large turnip ; this root they perforate, and yet the vegetation of the plant does not appear to suffer any injury. These three forts are all furnished with stings, some of them not less powerful than that of a bee, but the pain soon subsides. There is a fourth kind, which are perfectly harmless, and almost exactly resemble the white ant of the East-Indies ; whose architecture is still more curious than that of the others. They have houses of two sorts, the one is suspended on the branches of trees, and the other is erected on the ground. Those upon the trees are three or four times as big as a man's head, and are built of a brittle substance, which seems to consist of small parts of vegetables kneaded together with a glutinous matter, which their bodies probably supply ; upon breaking this crust, innumerable cells, swarming with inhabitants, appear in a great variety of winding directions, all communicating with each other, and with several apertures that lead to other nests upon the same tree ; and also one large avenue, or covered way, leading to the ground, and carried on under it to the nest or house that is constructed there. These houses are generally at the root of a tree, but not of that upon which their other dwellings are constructed ; they are of different sizes, are formed like irregular-sided cones, and sometimes of more than six feet high. The outside of these is of well tempered clay, about two inches thick, and is proof against any wet that can fall ; within are the cells, which have no opening outwards, but communicate only with the subterranean passage to the houses on the tree, and to the tree on which they are constructed, where they ascend up the trunk and branches, under covered ways of the same kind as those by which they descended from their other dwellings.

The sea is much more liberal of food to the inhabitants than the land. The fish are of various sorts ; but, except the mullet, and some of the shell-fish, none of them are known in Europe, but most of them are palatable, and some are very delicious. Upon the shoals
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and reefs there are incredible numbers of the finest green turtle in the world, and oysters of various kinds, particularly the rock-oyster and the pearl-oyster; there are also cockles of a gigantic size, and sea cray-fish, or lobsters, and crabs. In the rivers and salt creeks there are alligators

The number of inhabitants appears to be very small in proportion to the extent of the country. Captain Cook never saw so many as thirty of them together, but once, during his whole range down this extensive coast. It is true the internal part of the country, remains unexplored; but as, with all his researches, he did not meet with one foot of ground in a state of cultivation, he concluded those of the inhabitants with whom he conversed to be ignorant of that art, which could hardly have been the case, had they had any communication with any body of people, living in land, as these latter could not subsist, without some mode of cultivating the earth.

The only tribe of inhabitants with whom Captain Cook had any intercourse was in Endeavour river, where the ship was careened, which consisted of twelve men, seven women, one boy, and one girl. The men were of a middle size, and in general well made, clean-limbed, and remarkably vigorous, active, and nimble; their countenances not altogether without expression, but their voices remarkably soft and effeminate. Their colour, is nearly that of chocolate; their features far from disagreeable, their noses not flat, nor their lips thick; their teeth are white and even, and their hair naturally long and black, but universally cropped short; their beards are of the same colour as their hair, bushy and thick, but not suffered to grow long. From their want of sharp instruments, and some particular appearances, Captain Cook concluded, that they kept the hair, both of their heads and beards, short by singeing.

Both sexes go stark naked, and seem to have no more sense of indecency in discovering the whole body, than Europeans express in leaving the hands and face uncovered. Their principal ornament is a bone, which they thrust through the cartilage that divides the nostrils from each other. As this bone is as thick as a man's finger, and nearly six inches long, it reaches quite across the face, and so effectually stops up both the nostrils, that they are obliged to keep their
mouths

mouths wide open for breath, and when they speak, they snuffle so that they are scarcely intelligible to each other. Captain Cook's seamen humourously called this bone, their spritsail-yard. Besides this nose-jewel, they had necklaces made of shells, very neatly cut and strung together; bracelets of small cord, wound two or three times about the upper part of the arm, and a string of plaited human hair, tied round the waist; some of them had also gorgets of shells hanging round the neck so as to reach cross the breast. But though these people wear no clothes, their bodies have a covering, for they paint them both white and red. The red is commonly laid on in broad patches upon the shoulder and breast; and the white in stripes, some narrow and some broad; the narrow are drawn over the limbs, and the broad over the body, not without some degree of taste. The white is also laid on in small patches upon the face, and drawn in a circle round each eye.

There is not the least appearance of a town or village in the whole country. The best of their houses, if they may be termed houses, are just high enough to sit upright in, but not large enough for a man to extend himself in any direction; they are built with pliable rods, about the thickness of a man's finger, in the form of an oven, by sticking the two ends in the ground, and are covered with palm leaves, and small pieces of bark: the door is nothing but a large hole at one end, opposite to which the fire is made. Under these houses, or sheds, they sleep, with their heels coiled up to their heads, and in this position one of them may hold three or four persons.

The only furniture belonging to these houses is a kind of oblong vessel made of bark, by the simple contrivance of tying up the two ends with a withy, which not being cut off, serves for a handle. The inhabitants have also a small bag, about the size of a moderate cabbagene, which the man carries on his back, by the help of a small string which passes over his head: it generally contains a lump or two of paint and resin, some fish-hooks and lines, a shell or two, out of which their hooks are made, a few points of darts, and their usual ornaments, which includes the whole treasure of the richest men among them.

The only weapons found among these people are spears or lances, some of which have four prongs, pointed with bone, and barbed; the

points are smeared with a hard resin, which gives them a polish, and makes them enter deeper into what they strike. Other lances have but one point, the shaft is made of cane, or the stalk of a plant somewhat resembling a bulrush, very strait and light, and from eight to fourteen feet long. These shafts consist of several joints, where the pieces are let into each other, and bound together; to these are fitted points of different kinds, some being of a hard heavy wood, and others of the bones of fish. These weapons are thrown with great force and dexterity; if intended to wound at a short distance, as from ten to twenty yards, simply with the hand, but if at the distance of forty or fifty yards, then with a throwing stick, with the assistance of which the lance flies with incredible swiftness, and with so good an aim that, at the distance of fifty yards, the natives are as sure of their mark, as the most expert marksman can be with a single bullet.

The canoes of New Holland are as mean as their houses. Those on the southern part of the coast are nothing more than a piece of bark, tied together at the ends, and kept open in the middle by small bows of wood; yet in these vessels there are sometimes three persons. In shallow water they make use of a pole, in deeper of paddles, about eighteen inches long, one of which the boatman holds in each hand. More to the northward, the canoes are made of the trunk of a tree, hollowed out, most probably by fire; are about fourteen feet in length, and, being very narrow, are fitted with an out-rigger, to prevent their over-setting; the outside is wholly unmarked by any tool, but at each end the wood is left longer at the top than at the bottom, so that there is a projection beyond the hollow part, like the end of a plank; the sides are tolerably thin. Those are worked with paddles, that are so large as to require both hands to manage one of them.

The principal food of the inhabitants, is fish, though they sometimes contrive to kill the kangaroo, and birds of various kinds. Those they dress by broiling upon coals, or by baking in a hole, by the help of hot stones, for there is no appearance of their eating any animal food raw. The only vegetable that can be considered as an article of food is the yam; though they possibly may eat of those few fruits the country produces.

BOTANY BAY, where the intended settlement is to be made, lies in latitude 34° south, longitude from Greenwich $151^{\circ} 23'$, east. " It is, in the words of Captain Cook, capacious, safe, and convenient, and may be known by the land on the sea-coast, which is nearly level, and of a moderate height; in general higher than it is farther inland, with steep rocky cliffs next the sea, which have the appearance of a long island lying close under the shore. The harbour lies about the middle of this land, and in approaching it from the southward, is discovered before the ship comes a-breast of it; but from the northward, it is not discovered so soon: the entrance is a little more than a quarter of a mile broad, and lies in W. N. W. To sail into it the southern shore should be kept on board, till the ship is within a small bare island, which lies close under the north shore; within this island the deepest water on that side is seven fathom, shallowing to five a good way up. At a considerable distance from the south shore there is a shoal, reaching from the inner south point, quite to the head of the harbour; but over towards the north and north-west shore there is a channel of twelve or fourteen feet at low water, for three or four leagues, up to a place where there is three or four fathom, but here I found very little fresh water. We anchored near the south shore about a mile within the entrance, for the convenience of sailing with a southerly wind, and because I thought it the best situation for watering; but I afterwards found a very fine stream on the north shore, in the first sandy cove within the island, before which a ship might lie almost land locked, and procure wood as well as water, in great abundance. Wood indeed is every where plenty, but I saw only two kinds which may be considered as timber. These trees are as large or larger than the English oak, and one of them has not a very different appearance, this is the same that yields the reddish gum, like *sanguis draconis*, and the wood is heavy, hard, and dark-coloured, like *lignum vitæ*; the other grows tall, and strait, something like the pine; and the wood of this, which has some resemblance to the live oak of America, is also hard and heavy. There are few shrubs and several kinds of the palm; mangroves also grow in great plenty near the head of the bay. The woods abound with birds of exquisite beauty, particularly of the parrot kind; we found also crows here, exactly the same

same with those in England. About the head of the harbour, where there are large flats of sand and mud, there is great plenty of water-fowl, most of which were altogether unknown to us: one of the most remarkable was black and white, much larger than a swan, and in shape somewhat resembling a pelican. On these banks of sand and mud there are great quantities of oysters, mussels, cockles, and other shell-fish, which seem to be the principal subsistence of the inhabitants, who go into shoal water in their little canoes, and pick them out with their hands."

As it was in this bay that Captain Cook and his company had the greatest opportunity of observing the manners of the inhabitants, as well as of exploring the adjacent country, we shall here present our readers with a narrative of their transactions during their stay in it, from the captain's journal.

"April 28, 1770. The place where the ship had anchored, was a-breast of a small village, consisting of about six or eight houses; and while we were preparing to hoist out the boat, we saw an old woman followed by three children, come out of the wood; she was loaded with fire-wood, and each of the children had also it's little burthen; when she came to the houses, three more children, younger than the others, came out to meet her: she often looked at the ship, but expressed neither fear nor surprize: in a short time she kindled a fire, and four canoes came in from fishing. The men landed, and having hauled up their boats, began to dress their dinner, to all appearance wholly unconcerned about us, though we were within half a mile of them. We thought it remarkable that of all the people we had yet seen, not one had the least appearance of clothing, the old woman herself being destitute even of a fig-leaf.

"After dinner the boats were manned, and we set out from the ship, having Tupia of our party. We intended to land where we saw the people, and began to hope that as they had so little regarded the ship's coming into the bay, they would as little regard our coming on shore: in this however we were disappointed; for as soon as we approached the rocks, two of the men came down upon them to dispute our landing, and the rest ran away. Each of the two champions was armed with a lance about ten feet long, and a short stick, which he seemed

seemed to handle as if it was a machine to assist in managing or throwing the lance: they calling out to us in a very loud tone, and in a harsh dissonant language, of which neither we nor Tupia understood a single word: they brandished their weapons, and seemed resolved to defend their coast to the uttermost, though they were but two, and we were forty. I could not but admire their courage, and being unwilling hostilities should commence with such inequality of force between us, I ordered the boat to lie upon her oars: we then parlied by signs for about a quarter of an hour, and to bespeak their good-will, I threw them nails, beads, and other trifles, which they took up and seemed to be well pleased with. I then made signs that I wanted water, and by all the means that I could devise, endeavoured to convince them that we would do them no harm: they now waved to us, and I was willing to interpret it as an invitation; but upon our putting the boat in, they came again to oppose us. One appeared to be a youth, about nineteen or twenty, the other a man of middle age: as I had now no other resource, I fired a musket between them. Upon the report, the younger dropped a bundle of lances upon the rock, but recollecting himself in an instant, he snatched them up again in great haste: a stone was then thrown at us, upon which I ordered a musket to be fired with small shot, which struck the eldest upon the legs, and he immediately ran to one of the houses, which was distant about an hundred yards: I now hoped that our contest was over, and we immediately landed; but we had scarcely left the boat when he returned, and we then perceived that he had left the rock only to fetch a shield or target for his defence. As soon as he came up, he threw a lance at us, and his comrade another; they fell where we stood thickest, but happily hurt nobody. A third musket with small shot was then fired at them, upon which one of them threw another lance and both immediately ran away: if we had pursued, we might probably have taken one of them; but Mr. Banks suggesting that the lances might be poisoned, I thought it not prudent to venture into the wood. We repaired immediately to the huts, in one of which we found the children, who had hidden themselves behind a shield and some bark; we peeped at them, but left them in their retreat, without their knowing that they had been discovered, and, we threw into the house, when we went away, some beads, ribbons, pieces of cloth, and other

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presents,

presents, which we hoped would procure us the good-will of the inhabitants, when they should return; but the lances which we found lying about, we took away with us, to the number of about fifty: they were from six to fifteen feet long, and all of them had four prongs, in the manner of a fish-gigg, each of which was pointed with fish-bone, and very sharp: we observed that they were smeared with a viscous substance of a green colour, which favoured the opinion of their being poisoned, though we afterwards discovered that it was a mistake: they appeared, by the sea weed that we found sticking to them, to have been used in striking fish. Upon examining the canoes that lay upon the beach, we found them to be the worst we had ever seen: they were between twelve and fourteen feet long, and made of the bark of a tree in one piece, which was drawn together and tied up at each end, the middle being kept open by sticks which were placed across them from gunwale to gunwale a-thwarts. We then searched for fresh water, but found none, except in a small hole which had been dug in the sand.

“ Having reembarked in our boat, we deposited our lances aboard, and then went over to the north point of the bay, where we had seen several of the inhabitants when we were entering it, but which we now found totally deserted.

“ April 29th. In the morning I sent a party of men on shore, in order to dig holes in the sand where the water might gather; but going ashore myself with the gentlemen soon afterwards, we found, upon a more diligent search, a small stream more than sufficient for our purpose.

“ Upon visiting the hut where we had seen the children, we were greatly mortified to find that the beads and ribbons which we had left there the night before had not been moved from their places, and that not an Indian was to be seen.

“ Having sent some empty water-casks on shore, and left a party of men to cut wood, I went myself in the pinnace to sound and examine the bay; during my excursion I saw several of the natives, but they all fled at my approach. In one of the places where I landed I found several small fires, and fresh mussels broiling upon them; here also I found some of the largest oyster-shells I had ever seen.

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“ As soon as the wooders and waterers came on board to dinner, ten or twelve of the natives came down to the place, and looked with great attention and curiosity at the casks, but did not touch them: they took away however the canoes which lay near the landing-place, and again disappeared. In the afternoon, when our people were again on shore, sixteen or eighteen Indians, all armed, came boldly within about an hundred yards of them, and then stopped: two of them advanced somewhat nearer; and Mr. Hicks, who commanded the party on shore, with another, advanced to meet them, and expressing kindness and amity by every sign he could think of, but all without effect; for before he could get up with them they retired, and it would have answered no purpose to pursue.

“ April 30th. The next morning, before day-break, the Indians came down to the houses that were a-breast of the ship, and were heard frequently to shout very loud. As soon as it was light, they were seen walking along the beach; and soon after they retired to the woods, where, at the distance of about a mile from the shore, they kindled several fires.

“ Our people went on shore as usual, and with them Mr. Banks and Dr. Solander, who, in search of plants, repaired to the woods. Our men, who were employed in cutting grass, being the farthest removed from the main body of the people, a company of fourteen or fifteen Indians advanced towards them, having sticks in their hands, which, according to the report of the serjeant of marines, shone like a musquet. The grass-cutters, upon seeing them approach, drew together, and repaired to the main body. The Indians, being encouraged by this appearance of a flight, pursued them; they stopped however, when they were within about a furlong of them, and after shouting several times went back into the woods. In the evening they came again in the same manner, stopped at the same distance, shouted and retired. I followed them myself, alone and unarmed, for a considerable way along the shore, but I could not prevail upon them to stop.

“ May 1. This day we resolved to make an excursion into the country. Mr. Banks, Dr. Solander, myself, and seven others, properly accoutred for the expedition, set out, and repaired first to the huts near the watering place, whither some of the natives continued every day to resort; and though the little presents which we left there before

before were not yet taken away, we left others of somewhat more value, consisting of cloth, looking-glasses, combs, and beads, and then went up into the country. We found the soil to be either swamp or light sand, and the face of the country finely diversified by wood and lawn. The trees are tall, strait, and without underwood, standing at such a distance from each other that the whole country, at least where the swamps do not render it incapable of cultivation, might be cultivated without cutting down one of them; between the trees the ground is covered with grass, of which there is great abundance, growing in tufts about as big as can well be grasped in the hand, which stand very close to each other. We saw many houses of the inhabitants, and places where they had slept upon the grass without any shelter; but we saw only one of the people, who the moment he discovered us ran away. At all these places we left presents, hoping that at length they might produce confidence and good-will. We had a transient and imperfect view of a quadruped about as big as a rabbit: Mr. Banks's greyhound, which was with us, got sight of it, and would probably have caught it, but the moment he set off he lamed himself; against a stump which lay concealed in the long grass. We afterwards saw the dung of an animal which fed upon grass, and which we judged could not be less than a deer; and the footsteps of another, which was clawed like a dog, and seemed to be about as big as a wolf: we also tracked a small animal, whose foot resembled that of a polecat or weasel. The trees over our heads abounded with birds of various kinds, among which were many of exquisite beauty, particularly loriquets and cockatoos, which flew in flocks of several scores together. We found some wood which had been felled by the natives with some blunt instrument, and some that had been barked. The trees were not of many species, but in some of them steps had been cut at about the distance of three feet from each other, for the convenience of climbing them.

“ From this excursion we returned between three and four o'clock, and having dined on board, we went ashore again at the watering-place, where a party of men were filling casks. Mr. Gore, the second lieutenant, had been sent out in the morning with a boat to dredge for oysters at the head of the bay; when he had performed this service, he went ashore, and having taken a midshipman with him, and sent the boat away

away, set out to join the waterers by land. In his way he fell in with a body of twenty-two Indians, who followed him, and were often not more than twenty yards distance: when Mr. Gore perceived them so near, he stopped and faced about, upon which they stopped also; and when he went on again, continued their pursuit: they did not however attack him, though they were all armed with lances, and he and the midshipman got in safety to the watering-place. The Indians, who had slackened their pursuit when they came in sight of the main body of our people, halted at the distance of about a quarter of a mile, where they stood still. Mr. Monkhouse and two or three of the waterers took it in their head to march up to them; but seeing the Indians keep their ground 'till they came pretty near them, they were seized with a sudden fear, very common to the rash and fool-hardy, and made a hasty retreat: this step, which ensured the danger that it was taken to avoid, encouraged the Indians, and four of them running forwards discharged their lances at the fugitives, with such force that, flying not less than forty yards, they went beyond them. As the Indians did not pursue, our people, recovering their spirits, stopped to collect the lances when they came up to the place where they lay; upon which the Indians, in their turn, began to retire. Just at this time I came up, with Mr. Banks, Dr. Solander, and Tupia; and being desirous to convince the Indians that we were neither afraid of them, nor intended them any mischief, we advanced towards them, making signs of expostulation and entreaty, but they could not be persuaded to stay till we could come up. Mr. Gore told us, that he had seen some of them up the bay, who had invited him by signs to come on shore, which he, certainly with great prudence, declined.

“ May 2. In the afternoon we made another excursion along the sea-coast to the southward: Mr. Banks and Dr. Solander gathered many plants, but beside these we saw nothing worthy of notice. At our first entering the woods, we met with three of the natives, who instantly ran away: more of them were seen by some of the people, but they all disappeared with great precipitation, as soon as they found that they were discovered. By the boldness of these people, at our first landing, and the terror that seized them at the sight of us afterwards, it appears that they were sufficiently intimidated with our fire-arms;

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not that we had any reason to think the people much hurt by the small shot we were obliged to fire at them, when they attacked us at our coming out of the boat; but they had probably seen the effects of them from their lurking places, upon the birds that we had shot. Tupia, who was now become a good marksman, frequently strayed from us to shoot parrots; and he had told us, that while he was thus employed, he had once met with nine Indians, who, as soon as they perceived he saw them, ran from him in great confusion and terror.

“May 3. Twelve canoes, in each of which there was a single Indian, came towards the watering-place, and were within half a mile of it, a considerable time: they were employed in striking fish, upon which, like others that we had seen before, they were so intent, that they seemed to regard nothing else. It happened, however, that a party of our people were out a shooting near the place, and one of the men, whose curiosity might at length perhaps be roused by the report of the fowling pieces, was observed by Mr. Banks to haul up his canoe upon the beach, and go towards the shooting party: in something more than a quarter of an hour he returned, launched his canoe, and went off in her to his companions. This incident makes it probable, that the natives acquired a knowledge of the destructive power of our fire-arms, when we knew nothing of the matter; for this man was not seen by any of the party whose operations he had reconnoitred.

“While Mr. Banks was gathering plants near the watering place, I went with Dr. Solander and Mr. Monkhouse to the head of the bay, that I might examine that part of the country, and make farther attempts to form some connection with the natives. In our way we met with eleven or twelve small canoes, with each a man in it, probably the same who were afterwards abreast of the shore, who all made into shoal water upon our approach. We met other Indians on the shore, the first time we landed, who instantly took to their canoes and paddled away. We went up the country to some distance, and found the face of it nearly the same with that which has been described already, but the soil was much richer; for instead of sand, I found a deep black mould, which I thought very fit for the production of grain of any kind. In the woods we found a tree which bore fruit that in colour and shape resembled a cherry; the juice had an agreeable tartness, though but

little

little flavour. We found also interspersed some of the finest meadows in the world: some places however were rocky, but these were comparatively few: the stone is sandy, and might be used with advantage for building. When we returned to the boat, we saw some smoke upon another part of the coast, and went thither, in hopes of meeting with the people, but at our approach, these also ran away. We found six small canoes, and six fires very near the beach, with some mussels roasting upon them, and a few oysters lying near: By this we judged that there had been one man in each canoe, who having picked up some shell-fish, had come on shore to eat it, and made his separate fire for that purpose: we tasted of their cheer, and left them in return some strings of beads, and other things which we thought would please them.

"May 4. I sent several parties into the country to try again whether some intercourse could not be established with the natives. A midshipman belonging to one of these parties having straggled a long way from his companions, met with a very old man and woman, and some little children; they were sitting under a tree by the water side, and neither party saw the other till they were close together: the Indians shewed signs of fear, but did not attempt to run away. The man happened to have nothing to give them but a parrot that he had shot; this he offered, but they refused to accept it, withdrawing themselves from his hand either through fear or aversion. His stay with them was but short, for he saw several canoes near the beach fishing, and being alone, he feared they might come ashore and attack him: he said that these people were very dark coloured, but not black; that the man and woman appeared to be very old, being both grey-headed; that the hair of the man's head was bushy, and his beard long and rough; that the woman's hair was cropped short, and both of them were stark naked. Mr. Monkhouse the surgeon, and one of the men, who were with another party near the watering-place, also strayed from their companions, and as they were coming out of a thicket, observed six Indians standing together, at the distance of about fifty yards. One of them pronounced a word very loud, which was supposed to be a signal, for a lance was immediately thrown at him out of the wood, which very narrowly missed him. When the Indians saw that the weapon had not taken effect, they ran away with the

the greatest precipitation ; but turning about towards the place whence the lance had been thrown, he saw a young Indian, whom he judged to be about nineteen or twenty years old, come down from a tree, and he also ran away with such speed as made it hopeless to follow him. Mr. Monkhouse was of opinion, that he had been watched by these Indians in his passage through the thicket ; and that the youth had been stationed in the tree, to discharge the lance at him, upon a signal, as he should come by ; but however this be, there could be no doubt but that he was the person who threw the lance.

“ In the afternoon I went myself, with a party, over to the north shore, and while some of our people were hauling the seine, we made an excursion a few miles into the country, proceeding afterwards in the direction of the coast. We found this place without wood, and somewhat resembling our moors in England ; the surface of the ground, however, was covered with a thin brush of plants, about as high as the knees : the hills near the coast are low, but others rise behind them, increasing by a gradual ascent to a considerable distance, with marshes and morasses between. When we returned to the boat, we found that our people had caught with the seine a great number of small fish, which are well known in the West-Indies, and which our sailors call leather jackets, because their skin is remarkably thick. I had sent the second lieutenant out in the yawl a striking, and when we got back to the ship, we found that he also had been very successful. He had observed that the large sting-rays, of which there is great plenty in the bay, followed the flowing tide into very shallow water ; he therefore took the opportunity of flood, and struck several in not more than two or three feet water : one of them weighed no less than two hundred and forty pounds after his entrails were taken out.

“ May 5. The wind still continuing northerly, I sent out the yawl again, and the people struck one still larger, for when his entrails were taken out he weighed three hundred and thirty-six pounds.

“ May 6. At day-break we set sail from Botany Bay, with a light breeze at north-west.

“ During my stay in this harbour, I caused the English colours to be displayed on shore every day, and the ship's name, and the date of the year, to be inscribed upon one of the trees near the watering-place.

“ It

"It is high water here at the full and change of the moon about eight o'clock, and the tide rises and falls perpendicularly between four and five feet."

On Captain Cook's last voyage he again visited the coast of New Holland, which he approached from the southward. On the 24th of January 1777, he fell in with Van Diemen's land, and the 26th anchored in Adventure Bay, in latitude $43^{\circ} 21'$ S. being about five degrees more to the southward than that part of the land which he first saw on his course from New Zealand in the year 1770.

The usual employments of wooding and watering took them up till the 28th; in the afternoon of which day, they were unexpectedly visited by eight men and a boy, who approached them with the greatest confidence, none of them having any weapons, except one, who had a short stick, pointed at one end. These appeared of a middling stature, and somewhat slender; their hair black and woolly, and their skin also black. They were entirely naked, with large punctures or ridges, some in curved, and others in strait lines on different parts of their bodies; their lips not remarkably thick, nor their noses very flat; their features on the contrary, being not unpleasing, their eyes pretty good, and their teeth tolerably even and regular, though exceeding dirty. Some of them had painted their faces with a red ointment, and most of them had smeared their hair and their beards with the same composition. When presents were offered them they received them without any apparent satisfaction. As the Captain wished to know the use of the stick which one of the Indians held in his hand, he made signs to them to shew him; on which one of them took aim at a piece of wood placed as a mark, at the distance of twenty yards, but after several essays, he went still wide of it.

After they retired, Captain Cook ordered two pigs, one a male, the other a female, to be carried about a mile within the woods, and he himself saw them left there, taking the utmost precaution that the natives should not observe what was passing, as he feared they would destroy them, if soon found; and as swine soon become wild, and are fond of being in woods, it is probable they were preserved.

A dead calm preventing the ships from sailing, Captain Cook the next day, sent some parties on shore to cut wood and grass, who were

soon joined by about twenty of the natives. Some of these had a slip of the skin of a kangooroo round their ankles, and others wore, round their necks, some small cord, made of fur. They seemed not to value iron, but were apparently pleased with the medals and beads given them. Just after Captain Cook had quitted this part, several women and children were introduced by the men to lieutenant King. These females wore a kangooroo skin over their shoulders, the only use of which seemed to be, to support their children on their backs, for it left those parts uncovered; which modestly directs us to conceal. Their bodies were black, and marked with scars, like the men, from whom, however, they differed in having their heads shaved; some of them being completely shorn, others only on one side, while the rest of them had the upper part of the head shaved, leaving a very narrow circle of hair all round. The people now seen, differed in some respects, particularly in the texture of the hair, from the natives of the more northern part of this country, whom Captain Cook met with in his first voyage.

During the stay of the ships in this bay, Mr. Anderson, the surgeon of the Resolution, employed himself, with his usual industry, in examining the country; and we shall here give our readers his account of its natural productions, and remarks on the inhabitants.

There is a beautiful sandy beach, about two miles long, at the bottom of Adventure Bay, formed, to all appearance, by the particles which the sea washes from a fine white sand-stone. This beach is very well adapted for hauling a seine. Behind it is a plain, with a brackish lake, out of which we caught, by angling, some bream and trout. The parts adjoining the bay are mostly hilly, and are an entire forest of tall trees, rendered almost impassable by brakes of fern, shrubs, &c. The soil on the flat land, and on the lower part of the hills, is sandy, or consists of a yellowish earth, and in some parts of a reddish clay; but further up the hills, it is of a grey tough cast. This country, upon the whole, bears many marks of being very dry, and the heat appears to be great. No mineral bodies, nor stones of any other kind than the white sand stone, were observed by us; nor could we find any vegetables that afforded subsistence for man. The forest trees are all of one kind, and generally quite strait: and bear clusters of small white flowers. The principal plants we observed, were wood-forrel, milk-

milk-wort, cudweed, bell-flower, gladiolus, samphire, and several kinds of fern.

“ The only quadruped we saw distinctly, was a species of opossum, about twice the size of a large rat. The kangaroo, found further northward in New Holland, may also be supposed to inhabit here, as some of the inhabitants had pieces of the skin of that animal.

“ The principal sorts of birds, in the woods, are brown hawks, or eagles, crows, large pigeons, yellowish paroquets, and a species, which we called *metacilla cyanea*, from the beautiful azure colour of its head and neck. On the shore were several gulls, black oyster-catchers, or sea-pies, and plovers of a stone colour.

“ We observed in the woods some blackish snakes, that were pretty large, and we killed a lizard which was fifteen inches long, and six round, beautifully clouded with yellow and black.

“ Among a variety of fish, we caught some large rays, nurses, leather-jackets, bream, soles, flounders, gurnards and elephant-fish; besides a sort which we did not recollect to have seen before, and which partakes of the nature both of a round and a flat fish. Upon the rocks are mussels and other shell-fish; and, upon the beach, we found some pretty medusa's heads. The most troublesome insects we met with were the musquitoes, and a large black ant, whose bite inflicts extreme pain.

“ The inhabitants seemed mild and chearful, with little of that wild appearance, that savages in general have. They are almost totally devoid of personal activity or genius, and are nearly upon a par with the wretched natives of Terra del Fuego. They display, however, some contrivance in their method of cutting their arms and bodies in lines of different directions, raised above the surface of their skin. Their indifference for our presents, their general inattention and want of curiosity, were very remarkable, and testified no acuteness of understanding. Their complexion is a dull black, which they sometimes heighten by smutting their bodies, as we supposed, from their leaving a mark behind, on any clean substance. Their hair is perfectly woolly, and is clotted with grease and red ocre, like that of the Hottentots. Their noses are broad and full, and the lower part of their face projects considerably. Their eyes are of a moderate size, and though they are not very quick or piercing, they give the countenance a frank, chearful and

and pleasing cast. Their teeth are not very white, nor well set, and their mouths are too wide: they wear their beards long and clotted with paint. They are, upon the whole, well proportioned, though their belly is rather protuberant. Their favourite attitude is to stand with one side forward, and one hand grasping, across the back, the opposite arm, which on this occasion, hangs down by the side that projects.

“ Near the shore in the bay, we observed some wretched constructions of sticks, covered with bark; but these seem to have been only temporary, and they had converted many of their largest trees into more comfortable and commodious habitations. The trunks of these were hollowed out to the height of six or seven feet, by the means of fire. That they sometimes dwell in them, was manifest, from their hearths in the middle, made of clay, round which four or five persons might sit. These places of shelter are rendered durable, by their leaving one side of the tree sound, so that it continues growing with great luxuriance.

“ That the natives of Van Diemen's Land originate from the same stock with those who inhabit the northern parts of New Holland, seem evident. Though they differ in many respects, their dissimilarity may be reasonably accounted for, from the united considerations of distance of place, length of time, total separation, and diversity of climate.”

When we consider the number of populous islands, in the Southern Ocean, which have been visited by the British flag, under the auspices of our most gracious Sovereign; the importance of a permanent settlement in that part of the world, in order to continue the friendly intercourse we have already had with the inhabitants, as well as to enable us to enter into some commercial connections with them, will immediately appear to the mind of every intelligent person. Botany Bay having been fixed on for that purpose, we shall endeavour to point out a few particulars to shew its importance in that view.

Whoever takes the pains to examine the chart of the late Capt. Cook's discoveries, will find there is an open sea from the Bay to the cluster of islands called New Zealand, lying somewhat to the southward of the east, at the distance of about four hundred leagues. At about the same distance to the north-east, lay the New Hebrides, a very moderate

derate distance from them, and under the same degree of latitude are the Friendly Islands, the Society Islands, and the Marquesas Isles. From these latter the run to the Sandwich Islands does not exceed eight hundred leagues; so that this whole tour scarcely equals a voyage from Great Britain to the Carribbee Islands and back. Its situation is well adapted for carrying on a trade between Nootka Sound and Cook's River, on the American coast, and the isles of Japan and the Chinese Empire, in sea-otter's skins; as also to perfect the discoveries which have hitherto been made in that part of the globe, a matter which the late Captain King had much at heart*. Its neighbourhood also to New Guinea, and the adjacent isles, may conduce to some discoveries, which in time may reinstate this country in a share of the spice trade; a trade which the Dutch East India Company have monopolized for near two centuries.

Should a war break out with the court of Spain, cruizers from Botany Bay might much interrupt, if not destroy, their lucrative commerce from the Philippine islands to Aquapulco; besides alarming and distressing their settlements upon the west coast of South America.

In the foregoing accounts the country about the bay is represented as producing timber and stone for building, as also wood for firing; its soil as fit for the production of any kind of vegetable food; and the seas to abound with the most delicate fish. Should any object to the paucity of quadrupeds, it must be remarked, that a friendly intercourse with the tropical islands will not only procure a supply of hogs for food, but also for stock. And as most of our navigators have asserted that the islands lying eastward of Borneo, are well stocked with cattle of the buffalo kind, a breed of those, who are endemial to the climate, may be introduced, and in a few years, with the assistance of the hogs, there may be a sufficient supply of animal food, not only for the use of the settlers, but also of those who may be induced to visit them.

* See Capt. Cook's last voyage, vol. 4. p. 246. Fielding's octavo edition.

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